

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 10.00Lakhs

Name of Work: Construction of culverts in ward no 04 Yelahanka New Town Sub Division

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2015-16	Cum							
	Culvert		12	5.90	1.20	1.00	84.96		
							84.96	192.24	16333.00
	Basic Rate	178.00							
	Area Weightage @ 8%	14.24							
	Total	192.24							
2	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exceeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications. Specification no KBS4.1,4.2 (Item no 4.3,Page no12,PWD SR 2015-16)	Cum							
	Culverts		12	5.90	1.10	0.23	17.91		
							17.91	5070.60	90827.00
	Basic Rate	4695.00							
	Area Weightage @ 8%	375.60							
	Total	5070.60							

3	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2015-16,p.no13, no4,11) <i>specification has to be taken from S.R. for 2015-16 item No. 4.11</i>	Cum							
	For culvert bottom		12	5.90	1.10	0.20	15.58		
	Side walls		24	5.90	0.20	0.70	19.82		
	For deck slab		12	5.90	1.00	0.23	16.28		
	Ramp		20	0.85	5.00	0.10	8.50		
							60.18	6198.12	373028.00 ✓
	Basic rate	5739.00 ✓							
	Add 8% AW	459.12 ✓							
	Total	6198.12 ✓							
4	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe500 (pwd sr2015-16,p.no17,s.no4,46) ✓	Qtl							
	100 kg / cum						60.18	~~6980.04~~ 6980.58	420087.00 ✓
	Basic rate	6463.00 ✓							
	Add 8% AW	517.08 ✓							
	Total	6980.04 ✓							

6980-58

5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses, buttresses plinth and string course including cost of all materials, labour complete as per specification S. Specification no. KBS 4.6.2 (pwd sr 2015-16, p.no 15/4.31)	Sqm	Administrative Sanction for Rs. <u>10.00 Lakhs</u> <u>7.50 Lakhs</u> only is accorded under head <u>P-1771</u> <u>2015-16</u> Registered as CE No. Subject to conditions contained in enclosed memo No. <u>EC/MA/2164/15-16</u> Dt. <u>2-1-16</u> <u>[Signature]</u> Executive Engineer						
	Side walls		48	5.90	0.90	254.88			
	Deck slab		8	5.90	1.00	47.20			
	Basic rate	284.00				302.08	306.72	92654.00	
	Add 8% AW	22.72							
	Total	306.72							
6	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Mooru m. KSRRB M100-1: Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications (Item no 17.1, Page no 130, PWD SR 2015-16)	Cum	TECHNICAL SANCTIONED FOR Rs. <u>10.00 Lakhs</u> <u>7.50 Lakhs</u> only Under <u>P-1771-2015-16</u> Registered as CE () No. Subject to conditions contained in enclosed memo EE () No. Dt. <u>EE/MA/TS/82/15-16</u> Dated <u>2-1-16</u> Rs. <u>10.00 Lakhs</u> <u>[Signature]</u> Executive Engineer						
			Vide Item No. 1				84.96	73.44	6239.00
	Basic Rate	68.00							
	Area Weightage @ 8%	5.44							
		73.44						828	
7	Miscellaneous charges							832.00	
								1000000.00	
(Rupees Ten lakhs only)									

CERTIFICATE

- The work spot has been inspected and the work is found necessary.
- This estimate is prepared as per C.S.R. of 2015-16
- The provisions were made in this estimate are necessary and adequate.
- This works come under B.B.M.P. limits.

[Signature]
Assistant Engineer
Ward no: 04

[Signature]
Executive Engineer
Yelahanka Division

[Signature]
Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64